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(54) **DIE FOR FORGING CAST**

(57) Abstract:

PURPOSE: To shorten the forming cycle of the forging cast and to facilitate the forming of a thin-walled product.

CONSTITUTION: A cavity 4, a gate part 6 and a sprue part 8 are formed between an openable/closable movable die (1A+2A) and a fixed die (1B+2B). Block storing spaces 18A, 18B are formed within the fixed die and the movable die, and cooling blocks 16A, 16B are stored in a slidable manner in the die opening/ closing direction. Inserts 2A, 2B and the cooling blocks are formed of heat resistant copper alloy, and a cooling water passage is provided in the cooling block. Driving means 22A, 22B to drive the cooling blocks are provided within the main dies 1A, 1B.

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